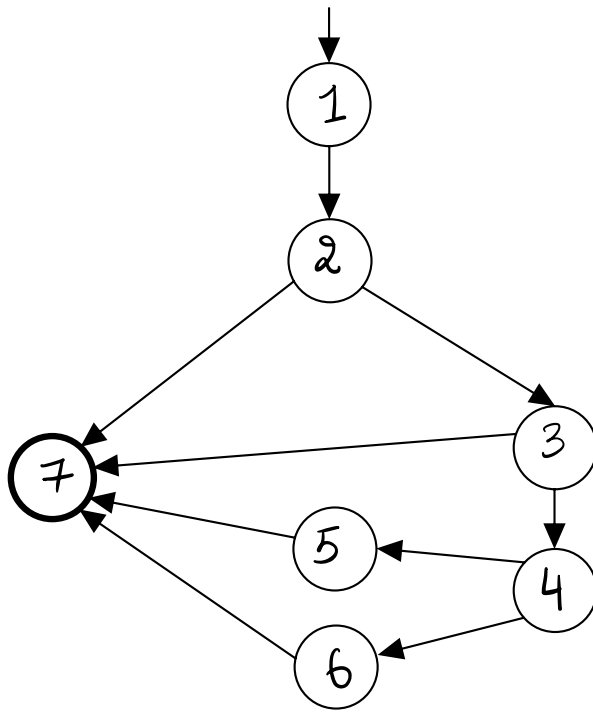


Step 1:



Step 2:

$$TR = \{1, 2, 3, 4, 5, 6, 7\}$$

$$Test\ Path = \{[1, 2, 3, 4, 5, 7], [1, 2, 3, 4, 6, 7]\}$$

Step 3:

$$TR = \{(1, 2), (2, 3), (2, 7), (3, 4), (3, 7), (4, 5), (4, 6), (5, 7), (6, 7)\}$$

$$Test\ Path = \{[1, 2, 7], [1, 2, 3, 7], [1, 2, 3, 4, 5, 7], [1, 2, 3, 4, 6, 7]\}$$

Step 4:

$$TR = \{(1, 2, 7), (1, 2, 3), (2, 3, 7), (2, 3, 4), (3, 4, 5), (3, 4, 6), (4, 5, 7), (4, 6, 7)\}$$

$$Test\ Path = \{[1, 2, 7], [1, 2, 3, 7], [1, 2, 3, 4, 5, 7], [1, 2, 3, 4, 6, 7]\}$$

Step 5:

